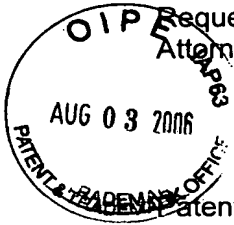


10/615614

CWC

Patent No. 6,971,634
Request for Cert. of Correction dated August 1, 2006
Attorney Docket No. 0644-031014



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent No. : 6,971,634 Confirmation No. 8274
Inventors : Michael A. FUNARI et al.
Issued : December 6, 2005
Title : Flush Valve Diaphragm Orifice
Insert and Rib Design
Examiner : J. Casimer Jacyna
Customer No. : 28289

REQUEST FOR CERTIFICATE OF CORRECTION OF PATENT
FOR PTO MISTAKE (37 C.F.R. 1.322(a))

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

ATTENTION: Decision and Certificate of Correction Branch
Patent Issue Division

Certificate
AUG 07 2006
of Correction

Sir:

In accordance with 35 U.S.C. §254, we attach hereto Form PTO/SB/44 and a copy of proof of PTO's error and request that a Certificate of Correction be issued in the above-identified patent. The following error appears in the patent as printed:

Column 5, Line 44, "sealing end of the section 18" should read
-- sealing end 21 of the barrel section 18 --
(See the Amendment dated June 10, 2005, page 3, replacement paragraph.)

Respectfully submitted,

THE WEBB LAW FIRM

By

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AUG - 7 2006

Application No. 10/615,614
Paper Dated June 10, 2005
In Reply to USPTO Correspondence of March 11, 2005
Attorney Docket No. 0644-031014



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No. : 10/615,614 Confirmation No. 8274
Applicants : MICHAEL A. FUNARI et al.
Filed : July 8, 2003
Title : FLUSH VALVE DIAPHRAGM ORIFICE
INSERT AND RIB DESIGN
Group Art Unit : 3751
Examiner : J. Casimer Jacyna

MAIL STOP AMENDMENT
Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT

Sir:

In response to the Office Action of March 11, 2005, please amend the above-identified application as follows:

Amendments to the specification begin on page 2 of this paper.

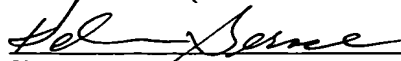
Amendments to the Abstract begin on page 4 of this paper.

Amendments to the Claims are reflected in the listing of claims which begins on page 5 of this paper.

Remarks begin on page 7 of this paper.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on June 10, 2005.

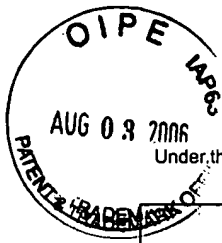
Helen Gerace
(Name of Person Mailing Paper)


Signature

June 10, 2005
Date

AUG - 7 2006

diaphragm body 52 is convex. As can be seen in Fig. 8, the distance D between the first end 68 of the ribs 66 and the protrusion 64 decreases due to the flexing of the diaphragm body 52. This condition exists immediately after the flush valve is activated. During the period of time after the flush valve is activated, water flows through the bypass orifice filter insert 90 in the diaphragm body 52 (not shown). As the diaphragm body 52 begins to force itself against the sealing end 21 of the barrel section 18 (i.e., the main valve seat 20), the first end 68 of the ribs 66 and the protrusion 64 squeeze against the barrel section 18 before the sealing end 21 of the barrel section 18 is received within the recess area 72 of the diaphragm body 52. This squeezing of the barrel section 18 helps prevent the diaphragm assembly 50 from closing too quickly against the sealing end 21 of the barrel section 18, thus preventing water hammer of the flush valve. As pressure P_1 and pressure P_2 become approximately equal due to water flowing to the upper chamber 24 through the bypass orifice filter insert 90, the diaphragm body 52 closes on the valve seat 20 wherein the sealing surface defined within the recess area 72 is adapted to contact the sealing end 21 of the barrel section 18. --

**UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION**

Page 1 of 1

PATENT NO. : 6,971,634
APPLICATION NO. : 10/615,614
ISSUE DATE : December 6, 2005
INVENTORS : Funari et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 5, Line 44, "sealing end of the section 18" should read
-- sealing end 21 of the barrel section 18 --

MAILING ADDRESS OF SENDER: The Webb Law Firm
700 Koppers Building
436 Seventh Avenue
Pittsburgh, PA 15219-1845

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-2450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select Option 2.